

SOURCES CONTROL  
EG&G ROCKY FLATS  
DE ORO DR 4

# EG&G ROCKY FLATS

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24 RF 07089

DIST	LTR / EBC
MARAL M E	/
BERMAN H S.	
BRANCH D B	
CARNIVAL G J	
JOPP R D	
DAVIS J G	
RERRERA D W	
HANNI B J	
HARMAN L K	
HEALY T J	
HEDAHL T	
HUBIG J G	
HUTCHINS N M	
KELL R E	
KIRBY W A	
KUESTER A W	
MAHAFFEY J W	
MANN H P	
MARK G E	
MCDOONALD M M	
MCKENNA F C	
MONTROSE J K	
MORGAN R V	
POTTER G L	
PICUTTO V M	
RISING T L	
SANDLIN N B	
SETLOCK G H	
STEWART D L	
STRIGER S G	/
SULLIVAN M T	
SWANSON E R	
WILKINSON P B	
WILLIAMS S (ORC)	
WILSON J M	
WYANT R B	
E.S. 1125T	/ /
E.S. 0KSOV	/ /
E.S. 0K11RSE	/ /
E.S. R021ZTS	/ /
E. 0K204	/ /
E. 1211CN	/ /
E. 0051M1U	/ /
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TRAFFIC	
CLASSIFICATION	/ /
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UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER SIGNATURE  
DOCUMENT CLASSIFICATION  
REVIEW WAVERED PER  
CLASSIFICATION OFFICE  
DATE

IN REPLY TO APP CC NO.

ACTION ITEM STATUS  
 PARTIAL OPEN  
 CLOSED

LTR APPROVALS:

ORIG & TYPED INITIALS / GS

EG&G ROCKY FLATS INC  
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 536 7000

July 1, 1994

94-RF-07089



Barcode  
000034370

Jessie M Roberson  
Acting Assistant Manager for  
Environmental Restoration  
DOE/RFFO

Attn Norma Castañeda

## REVISED RISK ASSESSMENT SCHEDULE - SGS-389-94

Schedule impacts for Operable Units (OUs) affected by the Human Health Risk Assessment (HHRA) stop work order were provided in a EG&G, Rocky Flats, Inc , April 10, 1994, letter to you. However, new direction was provided during the May 10 meeting with EG&G, Department of Energy (DOE), Environmental Protection Agency (EPA), and Colorado Department of Health (CDH). Attached please find the revised risk assessment schedules for OUs 2, 3, 5, and 6. The following general and OU-specific schedule assumptions were used by OUs 2, 3, 5 and 6 to develop these new schedules. Deviations from these assumptions will result in the need to modify the deliverable dates.

### General Assumptions

Professional judgement within the CDH conservative screen and the Contaminants of Concern Technical Memorandum (COC TM) will only be applied to the higher risk contaminants. Higher risk contaminants are defined by being significant within the concentration toxicity screen or by significantly contributing to a ratio of  $\geq 1$  in the CDH conservative screen. All other chemicals, metals, and radionuclides will be addressed in the Remedial Investigation (RI) Report.

The COC TM and the CDH conservative screen will be performed with the draft Programmatic Preliminary Remediation Goals (PPRGs) before the approval process is completed. These PPRGs are based on EPA default values with no site-specific factors applied.

These schedules do not contain Human Health Risk Assessment (HHRA) information pertaining to template use and development. Template impacts will be assessed when the template is approved for use.

The assessment of "Hot Spots" will not be included in the HHRA.

The number of source areas proposed for each OU is provided in the OU-specific assumptions listed below. These source area numbers are the ones that will be used in the CDH conservative screen and risk assessment.

ADMIN RECORD

A-OU05-000630

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TMs will be reviewed/approved by the agencies in a time frame consistent with the new schedule

#### **Data Aggregation Assumptions**

"Source" areas and "Areas of Concern" will be defined per the presentations given on June 3, 1994, and June 7, 1994, by DOE, EPA, and CDH for the purpose of data aggregation. The CDH conservative screen will have a formal review and approval process associated with it

"Areas of Concern" to be used in the Baseline Risk Assessment will be reviewed and approved as part of the letter report containing the CDH conservative screen

An addendum to the exposure scenario TM will be required to delineate which exposure scenarios will be assessed at each "Area of Concern"

The RFI/RI Reports will include sections in the risk assessment chapters to address each source area and/or area of concern

#### **OU 2**

For risk assessment purposes, there are five source areas for OU 2

The COC TM will be revised. Comments for this TM were received from the EPA and CDH in April 1994

Data will be reaggregated for the groundwater units based on comments received from the agencies

Validated data will be aggregated and used to revise the COC TM and for the risk assessment. This is preferred since much of the data will be reaggregated for groundwater as above, and using validated data will allow review and approval of the final COCs prior to issuing the Final Phase II RFI/RI Report

Groundwater modeling will be performed on an OU-wide basis and not by source area

Air modeling will be done for each of the source areas and/or areas of concern

One volatile organic compound migration from groundwater to indoor air will be modeled

COCs will be determined using the Gilbert background comparison as the validated data set is being used and COCs are being rerun. This is a result of agency comments on the COC TM

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### OU 3

There will be no concurrent DOE/EG&G reviews

There will be concurrent DOE RFFO and Headquarters reviews

A maximum of five source areas will be evaluated. The risk assessment calculations based on the supplied data aggregation approach will generally coincide with the four IHSS designations and the Remedy Acreage

There will be no added groundwater issues to address in the Phase I Remedial Feasibility Investigation/Remedial Investigation (RFI/RI) Report

The Exposure Scenario TM (TM-2) will not require revision and resubmittal. Comments will be addressed with a responsiveness summary

The previously negotiated duration of eight months between the draft and final RFI/RI Report will be used

The analysis of OU 3 data will provide sufficient nature and extent evaluation to identify COCs prior to completion of the COC TM

Modeling will be done after the COCs are determined

### OU 5

A maximum of fifteen source areas will be evaluated

The Draft Exposure Scenario TM has been submitted and reviewed by the regulators and will not require a major revision

The Draft Phase II field data will be incorporated into the Final Phase I RFI/RI Report. The finalized data will be submitted later as another revision of the Final Report or as an appendix

Analytical results from additional sampling under TM15 will not deviate substantially from existing data used in the risk assessment

### OU 6

A maximum of fifteen source areas will be evaluated

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The Draft Exposure Scenario TM has been submitted and reviewed by the regulators and will not require a major revision



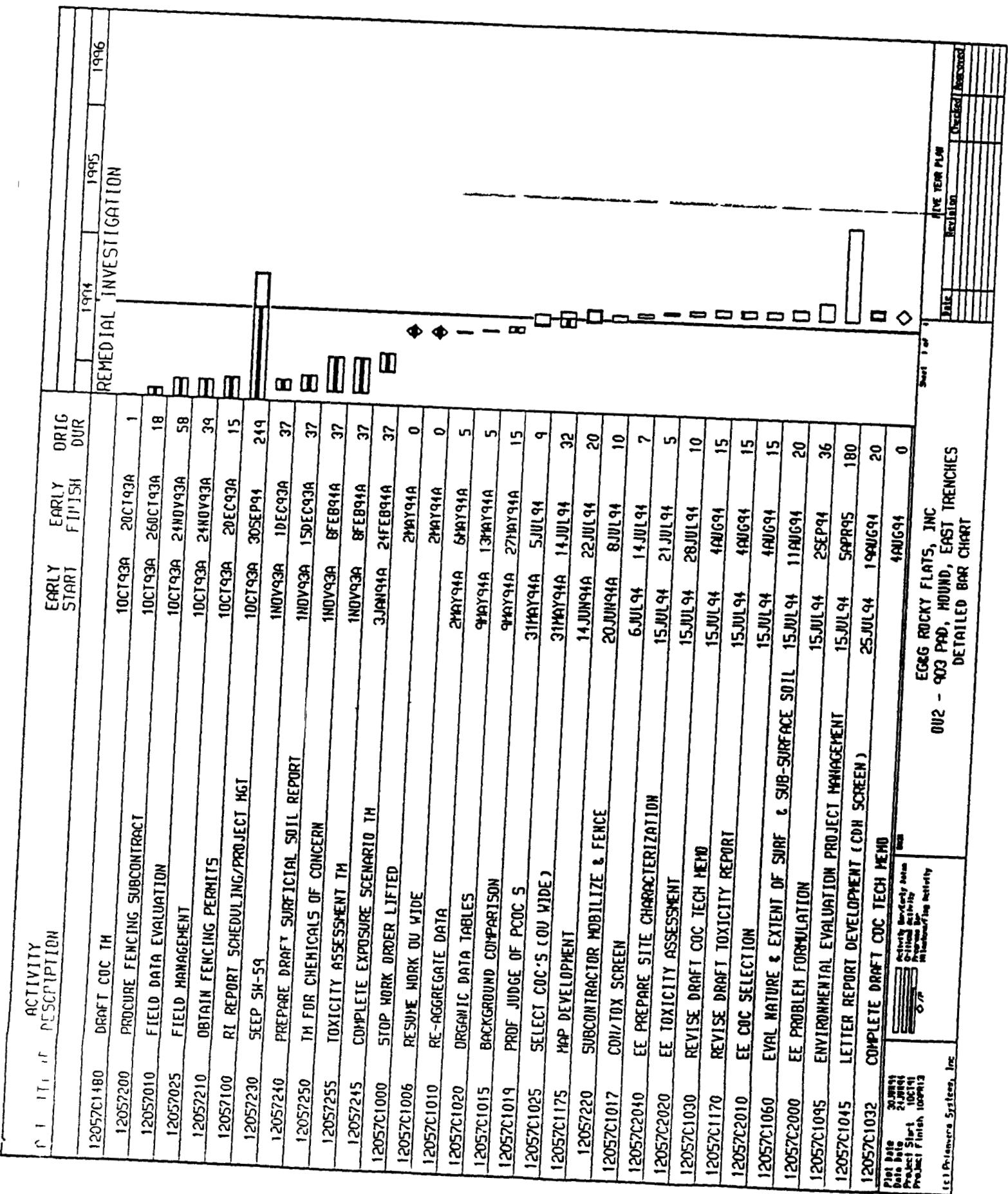
S.G. Stiger, Director  
Environmental Restoration Program Division  
EG&G Rocky Flats, Inc

RAR cb

Orig and 1 cc - J M Roberson  
Attachments As Stated (4)

cc

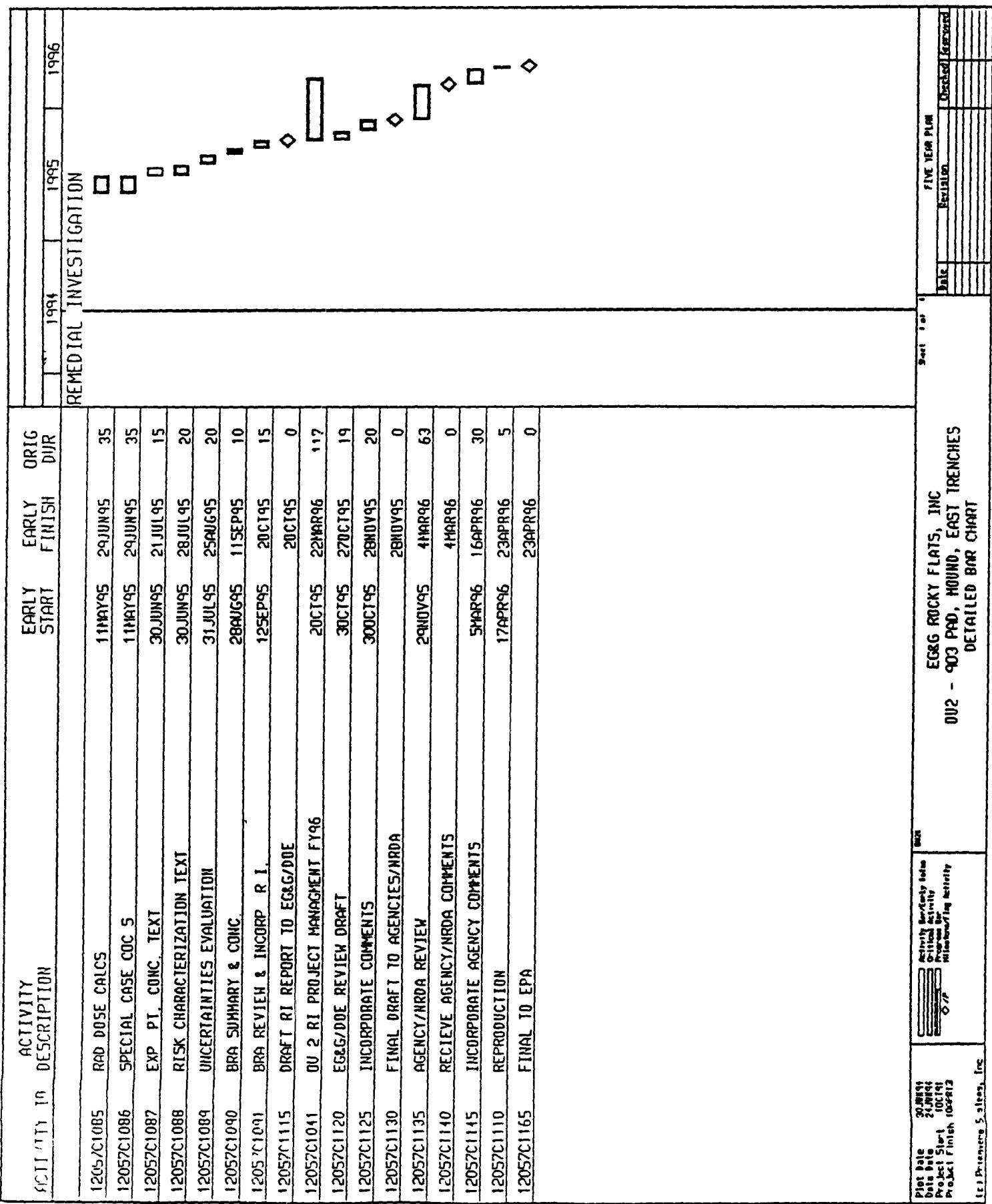
R	H	Birk	-	DOE/RFFO
E	A	Dillé	-	" "
S	R	Grace	-	" "
M		Guillaume	-	" "
M	H	McBride	-	" "
J	L	Pepe	-	" "
T		Reeves	-	" "
R	J	Schassburger	-	" "
M	N	Silverman	-	" "
L	W	Smith	-	" "

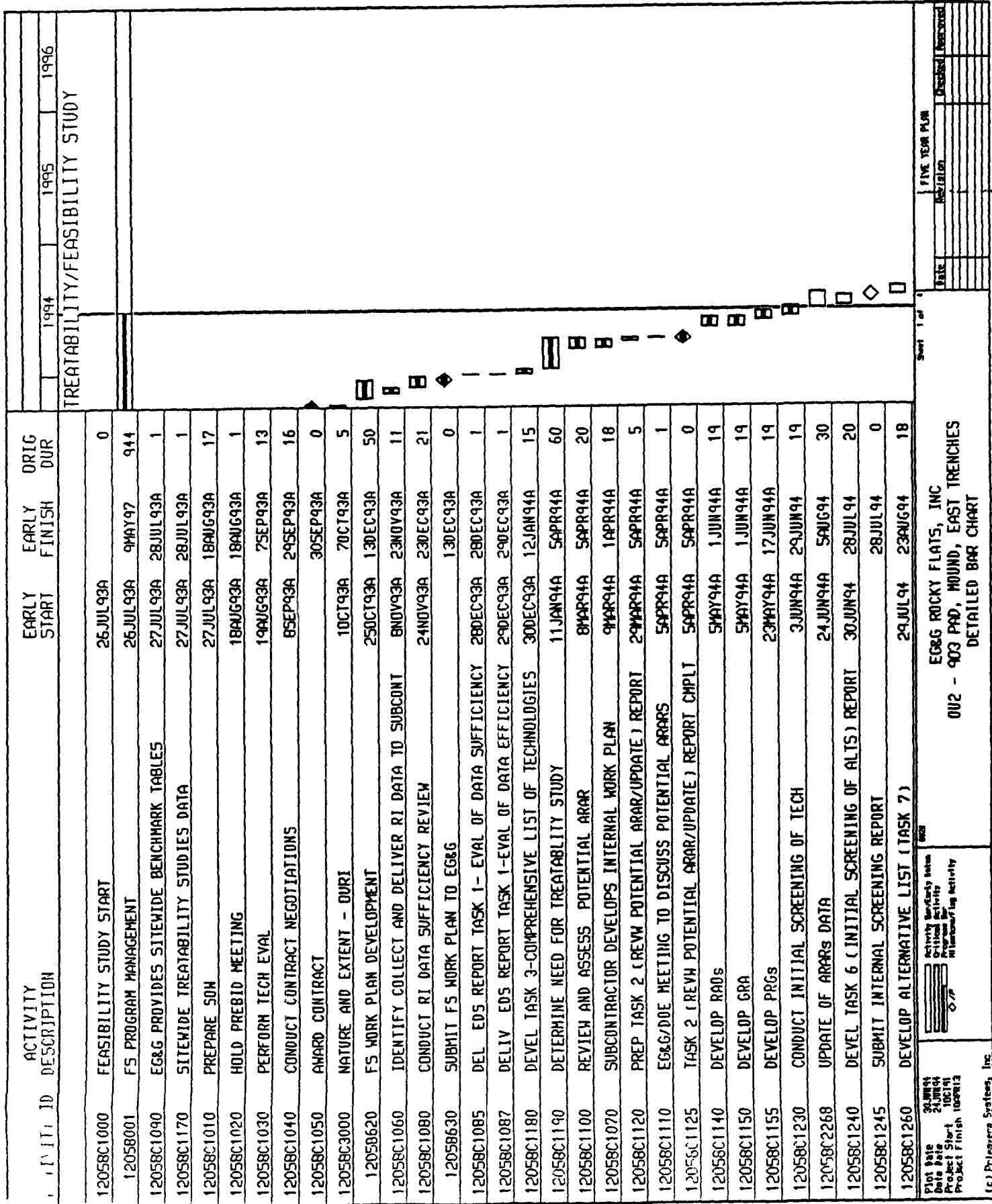


ACTIVITY NUMBER	DESCRIPTION	EARLY START	EARLY FINISH	ORIG DUR	REMEDIAL INVESTIGATION	
					1994	1995
12057C1172	COMPLETE DRAFT TOXICITY REPORT	4AUG94	4AUG94	0		
12057C1034	EG & G/DOE REVIEW OF DRAFT COC TECH MEMO	SAUG94	25AUG94	15	◊	◊
12057C1174	EG & G/DOE REVIEW OF DRAFT TOXICITY REPORT	SAUG94	25AUG94	15	◊	◊
12057C2030	EE CONCEPTUAL MODEL	SAUG94	25AUG94	15	◊	◊
12057C1062	EVALUATE NATURE & EXTENT OF G/H	12AUG94	9SEP94	20		
12057C1046	DOE / EG&G DRAFT REVIEW LETTER REPORT	22AUG94	12SEP94	15	◊	◊
12057C2050	EE PREPARATION FOR AGENCY MEETING	26AUG94	1SEP94	5		
12057C1036	RESPOND TO COMMENTS (DOCTM)	26AUG94	9SEP94	10	◊	◊
12057C1037	RESPOND TO COMMENTS ON TOXICITY REPORT	26AUG94	9SEP94	10	◊	◊
12057C2060	EE PROBLEM FORM MEETING	25SEP94	25SEP94	1		
12057C2210	EE WRITING	25SEP94	6FEB95	103		
12057C2080	EE STATISTICAL COMP	6SEP94	19SEP94	10		
12057C2100	EE EXPOS PT CALC	6SEP94	19SEP94	10		
12057C2180	EE UNCERTAINTY	6SEP94	19SEP94	10		
12057C2070	EE PROBLEM ANALYSIS	6SEP94	20DEC94	74		
12057C2090	EE EXPOSURE ANALYSIS	6SEP94	3JAN95	78		
12057C1038	SUBMIT DRAFT FINAL COC TM TO AGENCIES	9SEP94			◊	◊
12057C1178	SUBMIT DRAFT FINAL TOXICITY REPORT TO AGENCIES	9SEP94			◊	◊
12057C1040	EP/CDH REVIEW OF COC TECH MEMO	12SEP94	30SEP94	15		
12057C1180	EP/CDH REVIEW OF TOXICITY REPORT	12SEP94	30SEP94	15		
12057C1065	NATURE & EXTENT TABLES & FIGURES	12SEP94	20C194	20		
12057C1047	CONVENT RESPONSE ON LETTER REPORT	13SEP94	26SEP94	10		
12057C1210	EE RECY. MOD RESULTS	19SEP94	19SEP94	1		
12057C1048	DELIVER DRAFT FINAL LETTER REPORT TO AGENCIES	20SEP94	3JAN95	68		
12057C1049	AGENCIES REVIEW LETTER REPORT	27SEP94	170C194	15		
12057C1042	RESPOND TO COMMENTS ON COC TECH MEMO	30CT94	140CT94	10		
12057C1044	RESPOND TO COMMENTS ON TOXICITY REPORT	30CT94	140CT94	10		
12057C1039	DU 2 RI PROJECT MANAGEMENT FY95	30CT94	11SEP95	234		
12057C1043	SUBMIT FINAL TOXICITY REPORT TO AGENCIES	140CT94	0			
12057C1183	SUBMIT FINAL TOXICITY REPORT TO AGENCIES	140CT94	0			

Proj. No.	Commence Date	Commence Activity	Five Year Plan	
			Date	Description
002 - 903 PAD, HOUND, EAST TRENCHES				
DETAILED BAR CHART				
Project Status				
Project Start Date				
Project Finish Date				
Project Status				

ACTIVITY		EARLY START	EARLY FINISH	ORIG DUR	1994	1995	1996
12057C1050	COMMENT INCORPORATION MEETING ON LETTER REPORT	180CT94	180CT94	1			
12057C1051	INCORPORATE EPA / CDH COMMENTS ON LETTER REPORT	190CT94	1NOV94	10			
12057C1070	GROUNDWATER MODELING	190CT94	15NOV94	20			
12057C1053	SUBMIT FINAL LETTER REPORT TO AGENCIES	1NOV94		0			
12057C1055	REVISE DRAFT EXPOSURE TM	2NOV94	5DEC94	22			
12057C1075	SURFACE WATER & AIR MODELING	16NOV94	22DEC94	25			
12057C1057	SUBMIT DRAFT EXPOSURE TM DOE/EG&G	5DEC94		0			
12057C1059	DOE/EG&G REVIEW OF DRAFT EXPOSURE TM	6DEC94	3JAN95	15			
12057C2110	EE PREP FOR MEETING	13DEC94	19DEC94	5			
12057C2130	EE FIG PREP/GIS ANALYSIS	13DEC94	3JAN95	10			
12057C2150	EE PROBLEM ANALYSIS MEETING	20DEC94	20DEC94	1			
12057C2170	EE INTEGRATION	21DEC94	20JAN95	17			
12057C2160	EE RISK CHARACTERIZATION	21DEC94	25JAN95	20			
12057C1063	RESPOND TO COMMENTS ON DRAFT EXPOSURE TM	4JAN95	17JAN95	10			
12057C1066	SUBMIT DRAFT FINAL EXPOSURE TM TO AGENCIES	17JAN95		0			
12057C1067	AGENCY REVIEW OF DRAFT FINAL EXPOSURE TM	18JAN95	7FEB95	15			
12057C2140	EE PREP FOR MEETING	23JAN95	24JAN95	2			
12057C2220	EE RISK CHARACTERIZATION MEETING	25JAN95	25JAN95	1			
12057C2220	EE DOCUMENT PREPARATION	7FEB95	20FEB95	10			
12057C1069	RESPOND TO COMMENTS ON DRAFT FINAL EXPOSURE TM	8FEB95	21FEB95	10			
12057C1073	SUBMIT FINAL EXPOSURE TM TO AGENCIES	21FEB95	21FEB95	0			
12057C2230	EE SUBMIT DRAFT EG&G	21FEB95	21FEB95	1			
12057C1084	SUMMARIES OF ALL TM'S	22FEB95	14MARCH95	15			
12057C1081	DATA EVALUATION FOR 5 SOURCE AREAS	22FEB95	21MARCH95	20			
12057C2240	EE EG&G COMMENT	22FEB95	21MARCH95	20			
12057C2250	EE INCORPORATE EG&G COMMENTS	22MARCH95	4APR95	10			
12057C1082	EXP PT CONC TABLES	22MARCH95	10MAY95	35			
12057C1084	RISK CALC SPREADSHEETS	22MARCH95	10MAY95	35			
12057C2260	EE DRAFT FINAL TO EG&G	5APR95	5APR95	1			
12057C1100	INCORPORATE EE INTO RI REPORT	6APR95	12APR95	5			
12057C1083	RISK CALC	11MAY95	29JUN95	35			
Plot Date Start Date Finish Date		01 JUN 95 01 JUN 96	01 JUN 95 01 JUN 96				
Project Start Project Finish		100% 80%	100% 80%				
Detailed Bar Chart							
Sheet 1 of 1							
FIVE YEAR PLAN							
Initiation Revision							





Start Date: 30-JUN-94  
End Date: 21-JUN-95  
Project Start: 10-01-94  
Project Finish: 10-01-95  
Activity Type: Activity  
Progress: Progress  
Milestone: Milestone

EG&G Systems, Inc.

ACTIVITY	DESCRIPTION	EARLY START	EARLY FINISH	ORIG DUR	TREATABILITY/FEASIBILITY STUDY	
					1994	1995
12058C3030	REVISE PRGS	SAUG94	11AUG94	5		
12058C1160	MEETING WITH EPA/CDH	8AUG94	8AUG94	1		
12058C1210	DEVELOP DRAFT TM #1 (PRGS)	9AUG94	13SEP94	25	- - - - -	
12058C3035	SUBMIT REVISED PRGS TO DOE/RFO		11AUG94	0	- - - - -	
12058C3040	EG&G/DOE REVIEW REVISED PRGS	12AUG94	25AUG94	10	- - - - -	
12058C1270	DELIVER TASK 7 (ALTERNATIVES LIST) REPORT	24AUG94	24AUG94	1	- - - - -	
12058C1272	SUBMIT ALTERNATIVE LIST	25AUG94	24AUG94	0	- - - - -	
12058C1275	MEETING WITH EPA/CDH	25AUG94	25AUG94	1	- - - - -	
12058C3050	PRG RESOLUTION	26AUG94	9SEP94	10	- - - - -	
12058C1380	SCREEN ALTERNATIVES TASK 8	26AUG94	20SEP94	17	- - - - -	
12058C3055	PRGS FINALIZED	9SEP94	0		- - - - -	
12058C1212	EG&G RECEIPT OF TM #1 (PRGS)	13SEP94	0		- - - - -	
12058C1220	EG&G REVIEW AND COMMENT TM #1 (PRGS)	14SEP94	29SEP94	12	- - - - -	
12058C1360	DEVEL TASK 8 (SCREENING OF ALTERNATIVES) REPORT	21SEP94	4OCT94	10	- - - - -	
12058C1225	INCORPORATE COMMENTS TM#1 (PRGS)	30SEP94	6OCT94	5	- - - - -	
12058C1365	SUBMIT ALTERNATIVES REPORT	4OCT94	0		- - - - -	
12058C1390	DEVELOP TM#2 (SCREENING OF ALTERNATIVES) TASK 9	5OCT94	8NOV94	25	- - - - -	
12058C1227	SUBMIT DRAFT TM#1 (PRGS) TO DUE	6OCT94	0		- - - - -	
12058C1290	EG&G AND DOE REVIEW & COMMENT DRAFT TM#1 (PRGS)	7OCT94	3NOV94	20	- - - - -	
12058C1300	INCL COMMENTS AND PRODUCE FINAL TM#1 (PRGS)	4NOV94	17NOV94	10	- - - - -	
12058C1400	DELIVER TASK 9 DRAFT TM#2 (SCREENING OF ALTS)	9NOV94	0		- - - - -	
12058C1403	EG&G REVIEW TM#2 (SCREENING OF ALTERNATIVES)	10NOV94	21NOV94	8	- - - - -	
12058C1302	SUBMIT DRAFT TM#1 (PRGS) TO EPA/CDH	17NOV94	0		- - - - -	
12058C1305	EPACDH REVIEW OF TM#1 (PRGS)	18NOV94	5DEC94	10	- - - - -	
12058C1406	INCORPORATE COMMENTS TM#2 (SCREENING OF ALTS)	22NOV94	3OCT94	5	- - - - -	
12058C1408	SUBMIT DRAFT TM#2 (SCREENING OF ALTS) TO DOE	3NOV94	0		- - - - -	
12058C1410	DOE REV/COMMENT-PRELIM DRAFT TM#2 SCNG OF ALTS	1DEC94	5JAN95	20	- - - - -	
12058C1310	MEETING WITH EPACDH	6DEC94	6DEC94	1	- - - - -	
12058C1320	COMMENT RESOLUTION ON TM#1 (PRGS)	7DEC94	16DEC94	8	- - - - -	
12058C1325	SUBMIT FINAL TM#1 (PRGS) TO DOE, EPA/CDH	16DEC94	0		- - - - -	
12058C1330	DOE, EPA/CDH APPROVE FINAL TM#1 (PRGS)	19DEC94	9JAN95	10	- - - - -	

FIVE YEAR PGM

Yearly  
Yearly  
Yearly  
Yearly  
Yearly

SHEET 2 OF 1

EG&G RUCKY FLATS, INC  
002 - 003 PAD, MOUND, EAST TRENCHES  
DETAILED BAR CHART

Prior Date	24JUN94	Activity Boundary Dates	06JUL
Date Due	24JUN94	Original Activity	06JUL
Project Start	10OCT94	Rescheduled Activity	06JUL
Project Finish	10OCT94	Rescheduled Activity	06JUL

EG&G Systems, Inc.

ACTIVITY	DESCRIPTION	EARLY START	EARLY FINISH	ORIG DUR	TREATABILITY/FEASIBILITY STUDY		
					1994	1995	1996
12058C1420	INCORPORATE DOE COMMENTS	6JAN95	12JAN95	5			
12058C1460	DELIV TM#2 (SCREENING OF ALTS) TO EGG/DOE, EPA/CDH	13JAN95	13JAN95	1			
12058C1462	EPA/CDH REVW OF TM#2 (SCREENING OF ALTERNATIVES)	16JAN95	3FEB95	15			
12058C1464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	6MAR95	6MAR95	1			
12058C1466	COMMENT RESOLUTION	7MAR95	13MAR95	5			
12058C1468	SUBMIT FINAL TM#2 (SCRNG OF ALTS) TO DOE, EPA/CDH	13MAR95	13MAR95	0			
12058C1472	END PHASE 1 FS		13MAR95	0			
12058C2160	SUMM TM1PROGS // TM2 SCRNG OF ALTS, TREAT STUDY	5MAR96	11MAR96	5			
12058C2270	ANALYZE ALTERNATIVES AGAINST 9 CRITERIA (TASK 10)	12MAR96	5JUN96	60			
12058C2272	COMPARATIVE ANALYSIS OF ALTER AGAINST 9 CRITERIA	6JUN96	19JUN96	10			
12058C2274	MEETING WITH EPA/CDH	20JUN96	20JUN96	1			
12058C2300	PREPARE PRELIMINARY DRAFT CMS/FS REPORT	21JUN96	19JUL96	20			
12058C2302	PRELIMINARY DRAFT CMS/FS		19JUL96	0			
12058C2305	EGG&G REVIEW CMS/FS REPORT	22JUL96	26JUL96	5			
12058C2310	INCORPORATE COMMENTS	29JUL96	2AN96	5			
12058C2315	PRELIMINARY DRAFT CMS/FS TO DOE		2AN96	0			
12058C2320	DOE REVIEW OF PREL DRAFT CMS/FS REPORT	5AUG96	30AUG96	20			
12058C2330	ADDRESS COMMENTS & PREPARE DRAFT CMS/FS RPT	3SEP96	16SEP96	10			
12058C2340	FINAL DOE REVIEW OF DRAFT CMS/FS REPORT	17SEP96	14OCT96	20			
12058C2350	INCORPORATE COMMENTS	15OCT96	21OCT96	5			
12058C2170	TAG - SUBMIT DRAFT CMS/FS REPORT		21OCT96	0			
12058C2180	EPA/CDH, NEPA REVIEW OF DRAFT CMS/FS REPORT	22OCT96	27JAN97	62			
12058C2190	PREPARE DRAFT FINAL CMS/FS-EA REPORT	28JAN97	21FEB97	19			
12058C2195	SUBMIT FINAL CMS/FS TO DOE		21FEB97	0			
12058C2200	DOE REVIEW DRAFT FINAL CMS/FS-EA REPORT	24FEB97	1MARR97	18			
12058C2210	TAG - SUBMIT FINAL CMS/FS REPORT	1MARR97	21FEB97	0			
12058C2215	DOE TRANSMITTAL OF DRAFT FINAL CMS/FS REPORT	20MARR97	1MARR97	0			
12058C2230	OBTAIN CMS/FS REPORT APPROVALS	20MARR97	3APR97	10			
12058C2240	PREP FINAL CMS/FS REPORT	4APR97	2MAY97	21			
12058C2250	RE-SUBMIT FINAL CMS/FS REPORT TO DOE		2MAY97	0			
12058C2260	DOE TRANSMITTAL OF FINAL CMS/RS REPORT	5MAY97	5MAY97	5			

Plot Date Data Date Project Start Project Finish	Category Priority Activity Start End	Category Priority Activity Start End	Five Year Plan		
			Task	Revision	Created
30MAY94 21JUN94 10JUL94 10JUL94	EG&G ROCKY FLATS, INC	DU2 - Q03 PAD, MOUND, EAST TRENCHES			
		DETAILED BAR CHART			



ACTIVITY	DESCRIPTION	EARLY START	EARLY FINISH	ORIG DUR	1994	1995	1996
<b>REMEDIAL ACTION PLAN</b>							
12060C1570	PREPARE PRELIMINARY DRAFT PROPOSED PLAN	22DEC96	18NOV96	20			
12060C1580	DOCUMENT PROCESSING & TRANSMITTAL	14NOV96	25NOV96	5			
12060C1590	DOE-RFO REVIEW DRAFT PROPOSED PLAN	26NOV96	2JAN97	20			
12060C1600	DOE-HQ REVIEW DRAFT PROPOSED PLAN	26NOV96	2JAN97	20			
12060C1610	INC COMMENTS AND FINALIZE DRAFT PROPOSED PLAN	3JAN97	16JAN97	10			
12060C1620	DOCUMENT PROCESSING & TRANSMITTAL	17JAN97	23JAN97	5			
12060C1625	DOE SECOND REVIEW DRAFT PROPOSED PLAN	24JAN97	30JAN97	5			
12060C1627	INTEGRATE COMMENTS - PROPOSED PLAN	31JAN97	6FEB97	5			
12060C1630	IAG - SUBMIT DRAFT PROPOSED PLAN (PP)	1MARCH97	0				
12060C1640	EPA/CDH REVIEW DRAFT PROPOSED PLAN	20MAR97	18APR97	21			
12060C1650	NRDA TRUSTEES REVIEW DRAFT PROPOSED PLAN	20MAR97	18APR97	21			
12060C1660	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	21APR97	9MAY97	15			
12060C1670	DOCUMENT PROCESSING & TRANSMITTAL	12MAY97	16MAY97	5			
12060C1680	DOE-HQ REVIEW FINAL PROPOSED PLAN EA	19MAY97	2JUN97	10			
12060C1690	DOE-RFO REVIEW FINAL PROPOSED PLAN EA	19MAY97	2JUN97	10			
12060C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	3JUN97	9JUN97	5			
12060C1710	DOCUMENT PROCESSING & TRANSMITTAL	10JUN97	16JUN97	5			
12060C1720	IAG - SUBMIT FINAL PROPOSED PLAN (PP)	16JUN97	0				
12060C1730	EPA/CDH REVIEW FINAL PROPOSED PLAN EA	17JUN97	30JUN97	10			
12060C1740	NRDA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	17JUN97	30JUN97	10			
12060C1750	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	1JUL97	15JUL97	10			
12060C1753	PLACE AD	16JUL97	22JUL97	5			
12060C1760	DOCUMENT PROCESSING & TRANSMITTAL	16JUL97	22JUL97	5			
12060C1770	PUBLIC COMMENT PERIOD - PROPOSED PLAN EA	23JUL97	18SEP97	41			
12060C1773	PUBLIC HEARING	20AUG97	20AUG97	1			
12060C1780	INCORPORATE COMMENTS	19SEP97	9OCT97	15			
12060C1781	DOCUMENT PROCESSING & TRANSMITTAL	10OCT97	16OCT97	5			
12060C1783	DOE-RFO REVIEW FINAL	17OCT97	30OCT97	10			
12060C1785	DOE-HQ REVIEW FINAL	17OCT97	30OCT97	10			
12060C1787	INCORPORATE COMMENTS & FINALIZE	31OCT97	6NOV97	5			
12060C1789	DOCUMENT PROCESSING & TRANSMITTAL	7NOV97	13NOV97	5			
Plot Date 20JUN94 Data Date 21JUN94 Project Start 10JUL93 Project Finish 10OCT93		Initial Remedy Status Official Activity R/P In Remedy Not Remedy		Five Year Plan Date Revision Date Entered Date Entered Revised		EG&G ROCKY FLATS, INC OU2 - 903 PAD, MOUND, EAST TRENCHES DETAILED BAR CHART	

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ACTIVITY NUMBER	DESCRIPTION	EARLY START	EARLY FINISH	ORIG DUR	REMEDIAL ACTION PLAN		
					1994	1995	1996
12060C1790	IAG - SUBMIT DRAFT RESPONSIVENESS SUMMARY			13NOV97	0		
12060C1800	DOE/EPA/CDH REVIEW DRAFT RESPONSIVENESS SUMMARY	14NOV97	16DEC97	21			
12060C1810	RESOLVE ISSUES & FINALIZE RESPONSE SUMMARY	17DEC97	21JAN98	20			
12060C1813	DOE REVIEW RESPONSIVENESS SUMMARY	22JAN98	4FEB98	10			
12060CC1816	INCORPORATE COMMENTS	5FEB98	18FEB98	10			
12060C1820	IAG - SUBMIT FINAL RESPONSIVENESS SUMMARY		25FEB98	0			

Plan Date Del. Date Project Start Project Finish	30JUN94 21JUN94 10C191 10C193	Activity Name Critical Activity	Actual Name Non-Critical Activity	Actual Status
			△ / P	Completed

Environmental Systems, Inc.

FIVE YEAR PLAN			
Year	Version	Version	Version
002	E&G ROCKY FLATS, INC		
002	DU2 - 903 PAD, MOUND, EAST TRENCHES		
	DETAILED BAR CHART		

Year	Version	Version	Version

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ACTIVITY # / L / T ID	DESCRIPTION	EARLY START	EARLY FINISH	ORIG DUR	RECORD OF DECISION	
					1994	1995
12052C1860	PREPARE PRELIMINARY DRAFT CAD/ROD	7NOV97	8DEC97	20		
12062C1870	DOCUMENT PROCESSING & TRANSMITTAL	9DEC97	15DEC97	5		
12062C1880	DOE-RFO REVIEW DRAFT CAD/ROD	16DEC97	6JAN98	10		
12062C1890	DOE-HQ/NEPA REVIEW DRAFT CAD/ROD	16DEC97	6JAN98	10		
12062C1900	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/ROD	10FEB98	18FEB98	7		
12062C1910	DOCUMENT PROCESSING & TRANSMITTAL	19FEB98	25FEB98	5		
12062C1920	IAG - SUBMIT DRAFT CAD/ROD	25FEB98	0			
12062C1930	EPA/CDH REVIEW DRAFT CAD/ROD	26FEB98	26MAR98	21		
12062C1940	NRDA TRUSTEES REVIEW DRAFT CAD/ROD	26FEB98	26MAR98	21		
12062C1950	INCORPORATE COMMENTS & FINALIZE CAD/ROD	30MAR98	17APR98	15		
12062C1960	DOCUMENT PROCESSING & TRANSMITTAL	20APR98	24APR98	5		
12062C1970	DOE-RFO REVIEW FINAL CAD/ROD	27APR98	8MAY98	0		
12062C1980	DOE-HQ/NEPA REVIEW FINAL CAD/ROD	27APR98	8MAY98	10		
12062C1990	INCORPORATE COMMENTS & FINALIZE CAD/ROD	11MAY98	15MAY98	5		
12062C2000	DOCUMENT PROCESSING & TRANSMITTAL	18MAY98	22MAY98	5		
12062C2010	IAG - SUBMIT FINAL CAD/ROD	22MAY98	0			
12062C2020	EPA/CDH REVIEW & APPROVE FINAL CAD/ROD	25MAY98	23JUN98	21		
12062C2030	NRDA TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	25MAY98	23JUN98	21		
12062C2035	ROD/CAD SIGNED	23JUN98	0			
12062C2040	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	24JUN98	8JUL98	10		

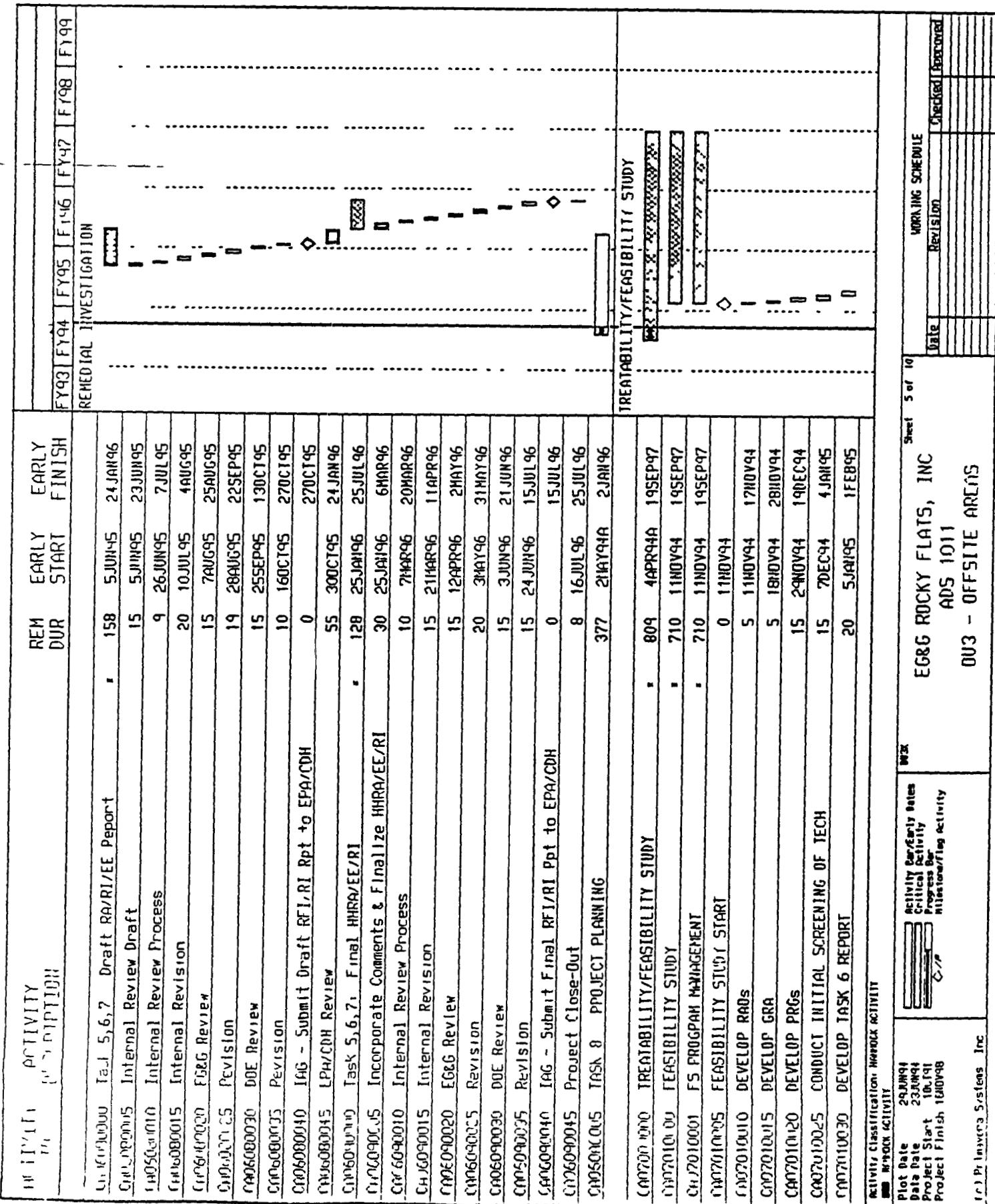
Plot Date Data Date	30JUN97 24JUN94	Activity Name/Category	Start Date	End Date	FIVE YEAR PLN
Project Start Project Finish	10C191 10C193	Official Non-Monitoring Activity			
		○ ○ ○ ○ ○			

(E) Environment Systems, Inc.

Sheet 1 of 1  
 ESRG ROCKY FLATS, INC  
 01/2 - 903 PAD, MOUND, EAST TRENCHES  
 DETAILED BAR CHART

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY				
					FY93	FY94	FY95	FY96	FY97
CN07010035	SUBMIT INTERNAL SCREENING REPORT	0			1FEB95				
CN07010140	DEVELOP ALTERNATIVE LIST (TASK 7)	20	2FEB95	1MARR95					
CN07010145	DELIVER TASK 7 REPORT	1	21MARR95	2MARR95					
CN07010050	SUBMIT ALTERNATIVE LIST	0	3MARR95	2MARR95					
CN07010055	MEETING WITH EPA/CDH	1	3MARR95	3MARR95					
CN07010160	SCREEN ALTERNATIVES TASK 8	10	6MARR95	1MAY95					
CN07010065	DEVELOP TASK 8 REPORT	10	2MAY95	15MAY95					
CN07010070	SUBMIT ALTERNATIVES REPORT	0		15MAY95					
CN07010075	DEVELOP TM#2 TASK 9	25	16MAY95	20JUN95					
CN07010080	DELIVER TASK 9 DRAFT TM#2	1	21JUN95	21JUN95					
CN07010085	E&G REVIEW TM#2	0	22JUN95	3JUL95					
CN07010100	INCORPORATE COMMENTS TM#2	5	5JUL95	11JUL95					
CN07010100	SUBMIT DRAFT TM#2 TO DOE	0		11JUL95					
CN07010105	DOE REVIEW AND COMMENT ON PRELIMINARY DRAFT TM#2	20	12JUL95	8AUG95					
CN07010110	INCORPORATE DOE COMMENTS	5	9AUG95	15AUG95					
CN07010115	FINAL DOE REVIEW ON DRAFT TM#2	5	16AUG95	22AUG95					
CN07010120	DELIVER TM#2 TO EGG/DOE, EPA/CDH	1	23AUG95	23AUG95					
CN07010125	EPA/CDH REVIEW OF TM#2	15	24AUG95	14SEP95					
CN07010130	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	1	15SEP95	15SEP95					
CN07010135	COMMENT RESOLUTION	5	18SEP95	22SEP95					
CN07010140	SUBMIT FINAL TM#2 TO DOE, EPA/CDH	0		22SEP95					
CN07010145	MEETING WITH EPA/CDH	1	20DEC94	20DEC94					
CN07010150	END PHASE 1 FS	0		22SEP95					
CN07010200	DELIVER EDS REPORT TASK 1	1	11NOV94	11NOV94					
CN07010205	SITEWIDE TREATABILITY STUDIES DATA	1	11NOV94	11NOV94					
CN07010210	DEVELOP COMP LIST OF TECH, TASK 3	15	14NOV94	6DEC94					
CN07010205	REVIEW AND ASSESS POTENTIAL ARRRS	20	11NOV94	12DEC94					
CN07010310	E&G/DOE MEETING TO DISCUSS POTENTIAL ARRRS	1	13DEC94	13DEC94					
CN07010315	PREPARE TASK 2 REPORT	5	14DEC94	20DEC94					
CN07010320	TASK 2 REPORT COMPLETE	0	21DEC94	20DEC94					
CN07010325	DEVELOP DRAFT TM #1	25	21DEC94	1FEB95					

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ACTIVITY		REM DUR	EARLY START	EARLY FINISH	FY93	FY94	FY95	FY96	FY97	FY98	FY99
<b>TREATABILITY/FEASIBILITY STUDY</b>											
10/01/96-10/05/96	DOE REVIEW OF PREL DRAFT CMS/FS-EA REPORT	20	16DEC96	20JAN97							
10/07/96-10/10/96	ADDRESS COMMENTS & PREPARE DRAFT CMS/FS-EA RPT	10	21JAN97	3FEB97							
10/07/96-10/15/96	FINAL DOE REVIEW OF DRAFT CMS/FS REPORT	20	4FEB97	3MAR97							
10/07/96-10/15/96	INCORPORATE COMMENTS										
10/07/96-10/15/96	SIGN/STAMP DRAFT CMS/FS REPORT TO EPA/CDH	5	4MAR97	10MAR97							
10/07/96-10/15/96	FINAL CMS/FS	0									
10/07/96-10/15/96	EPA/CDH, NEPA REVIEW OF DRAFT CMS/FS-EA REPORT	99	11MAR97	30JUL97							
10/07/96-10/10/96	PREPARE DRAFT FINAL CMS/FS-EA REPORT	62	11MAR97	6JUN97							
10/07/96-10/15/96	SUBMIT FINAL CMS/FS TO DOE	19	9JUN97	3JUL97							
10/07/96-10/20/96	DOE REVIEW DRAFT FINAL CMS/FS-EA REPORT	0									
10/07/96-10/15/96	SIGN IT FINAL CMS/FS	18	7JUL97	30JUL97							
10/07/96-10/20/96	CMS/FS APPROVALS	0									
10/07/96-10/20/96	DOE TRANSMITTAL OF DRAFT FINAL CMS/FS-EA REPORT	36	31JUL97	14SEP97							
10/07/96-10/20/96	OBTAIN CMS/FS REPORT APPROVALS	0	31JUL97	30JUL97							
10/07/96-10/15/96	PREP FINAL CMS/FS-EA REPORT	10	31JUL97	13AUG97							
10/07/96-10/20/96	PE-SUBMIT FINAL CMS/FS-EA REPORT TO DOE	21	14AUG97	12SEP97							
10/07/96-10/25/96	DOE TRANSMITTAL OF FINAL CMS/RS-EA REPORT	0									
10/07/96-10/20/96	SUBMIT FINAL CMS/FS-EA REPORT	5	15SEP97	19SEP97							
10/07/96-10/20/96	TREATABILITY STUDY	0									
10/07/96-10/25/96	DETERMINE NEED FOR TREATABILITY STUDY	220	11NOV94	20CT95							
10/07/96-10/20/96	DO SPECIFIC TREATABILITY STUDY	60	11NOV94	14FEB95							
10/07/96-10/20/96		160	15FEB95	20CT95							
10/07/96-10/20/96	REMEDIAL ACTION PLAN										
10/07/96-10/20/96	DRAFT PROPOSED PLAN	332	11MAR97	8JUL98							
10/07/96-10/20/96	PREPARE PRELIMINARY DRAFT PROPOSED PLAN	99	11MAR97	30JUL97							
10/07/96-10/20/96	DOCUMENT PROCESSING & TRANSMITTAL	20	11MAR97	8APR97							
10/07/96-10/20/96	DOE/RD REVIEW DRAFT PROPOSED PLAN	5	9APR97	15APR97							
10/07/96-10/20/96	DOE-HQ REVIEW DRAFT PROPOSED PLAN	20	16APR97	13MAY97							
10/07/96-10/25/96	DOE COMMENTS AND FINALIZE DRAFT PROPOSED PLAN	20	16APR97	13MAY97							
10/07/96-10/20/96	DOCUMENT PROCESSING & TRANSMITTAL	10	14MAY97	27MAY97							
10/07/96-10/25/96	DOE SECOND REVIEW DRAFT PROPOSED PLAN	5	28MAY97	4JUN97							
10/07/96-10/20/96	DOE REVIEW DRAFT PROPOSED PLAN	5	5JUN97	11JUN97							
<b>REMEDIATION/HANDOFF ACTIVITIES</b>											
Handoff Activity		Activity Description		Start Date		End Date		Critical Activity		Work Inc Schedule	
Pilot Date	29JUN94										
Handoff Date	23JUN94										
Project Start Date	10JUL94										
Project Finish Date	10JUL94										
Planned Handoff Activity		Revision		Checklist		Comments					
EG&G ROCKY FLATS, INC ADS 1011 0U3 - OFFSITE AREAS											

ACTIVITY	ACTIVITY ID	ACTIVITY TITLE	ACTIVITY TYPE	REM DUR	EARLY START	EARLY FINISH	FY13 FY14 FY15 FY16 FY17 FY18 FY19				
							REMEDIAL ACTION PLAN				
14-011115 INCORPORATE COMMENTS & FINAL DRAFT PROPOSED PLAN	14011115	INCORPORATE COMMENTS & FINAL DRAFT PROPOSED PLAN	WORK	5	12JUN97	18JUN97					
1401111605 EPA/COD REVIEW DRAFT PROPOSED PLAN	1401111605	FINAL PROPOSED PLAN	WORK	0							
1401111610 NRC/ TRUSTEES REVIEW DRAFT PROPOSED PLAN	1401111610	NRC/ TRUSTEES REVIEW DRAFT PROPOSED PLAN	WORK	61	31JUL97	24OCT97					
14-011215 INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	14011215	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	WORK	21	31JUL97	28AUG97					
14011220 DOCUMENT PROCESSING & TRANSMISSION	14011220	DOCUMENT PROCESSING & TRANSMISSION	WORK	21	31JUL97	28AUG97					
14011225 DOE-HQ REVIEW FINAL PROPOSED PLAN EA	14011225	DOE-HQ REVIEW FINAL PROPOSED PLAN EA	WORK	15	29AUG97	19SEP97					
14011230 DOE-HQ REVIEW FINAL PROPOSED PLAN EA	14011230	DOE-HQ REVIEW FINAL PROPOSED PLAN EA	WORK	5	22SEP97	26SEP97					
14011235 INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	14011235	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	WORK	10	29SEP97	10OCT97					
14011240 DOCUMENT PROCESSING & TRANSMISSION	14011240	DOCUMENT PROCESSING & TRANSMISSION	WORK	5	20OCT97	24OCT97					
14011245 SUBMIT FINAL PROPOSED PLAN	14011245	SUBMIT FINAL PROPOSED PLAN	WORK	0							
14011300 PUBLIC COMMENT APPROVALS	14011300	PUBLIC COMMENT APPROVALS	WORK	106	27OCT97	3APR98					
14011305 EPA/COD REVIEW FINAL PROPOSED PLAN EA	14011305	EPA/COD REVIEW FINAL PROPOSED PLAN EA	WORK	10	27OCT97	7NOV97					
14011310 NRC/ TRUSTEES REVIEW FINAL PROPOSED PLAN EA	14011310	NRC/ TRUSTEES REVIEW FINAL PROPOSED PLAN EA	WORK	10	27OCT97	7NOV97					
14011315 INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	14011315	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	WORK	10	10NOV97	21NOV97					
14011320 PLACE AD	14011320	PLACE AD	WORK	1	24NOV97	24NOV97					
14011325 DOCUMENT PROCESSING & TRANSMISSION	14011325	DOCUMENT PROCESSING & TRANSMISSION	WORK	5	24NOV97	2DEC97					
14011330 PUBLIC COMMENT PERIOD - PROPOSED PLAN EA	14011330	PUBLIC COMMENT PERIOD - PROPOSED PLAN EA	WORK	41	3DEC97	5FEB98					
14011335 PUBLIC HEARING	14011335	PUBLIC HEARING	WORK	1	8JAN98	8JAN98					
14011340 INCORPORATE COMMENTS & FINALIZE	14011340	INCORPORATE COMMENTS & FINALIZE	WORK	15	6FEB98	26FEB98					
14011345 DOCUMENT PROCESSING & TRANSMISSION	14011345	DOCUMENT PROCESSING & TRANSMISSION	WORK	5	27FEB98	5MAR98					
14011350 DOE-HQ REVIEW FINAL PROPOSED PLAN EA	14011350	DOE-HQ REVIEW FINAL PROPOSED PLAN EA	WORK	10	6MAR98	19MAR98					
14011355 DOE-HQ REVIEW FINAL PROPOSED PLAN EA	14011355	DOE-HQ REVIEW FINAL PROPOSED PLAN EA	WORK	10	6MAR98	19MAR98					
14011360 DOCUMENT PROCESSING & TRANSMISSION	14011360	DOCUMENT PROCESSING & TRANSMISSION	WORK	5	20MAR98	26MAR98					
14011370 SUBMIT DRAFT RESPONSIVENESS SUMMARY	14011370	SUBMIT DRAFT RESPONSIVENESS SUMMARY	WORK	0							
14011400 RESPONSIVENESS SUMMARY	14011400	RESPONSIVENESS SUMMARY	WORK	66	6APR98	8JUL98					
14011405 DOE/EPACON REVIEW DRAFT RESPONSIVENESS SUMMARY	14011405	DOE/EPACON REVIEW DRAFT RESPONSIVENESS SUMMARY	WORK	21	6APR98	4MAY98					
14011410 RESOLVE ISSUES & FINALIZE RESPONSIVENESS SUMMARY	14011410	RESOLVE ISSUES & FINALIZE RESPONSIVENESS SUMMARY	WORK	20	5MAY98	2JUN98					
14011415 DOE REVIEW RESPONSIVENESS SUMMARY	14011415	DOE REVIEW RESPONSIVENESS SUMMARY	WORK	10	3JUN98	16JUN98					
ACTIVITY CLASSIFICATION WORKSHOP ACTIVITY											
REGISTRATION		ACTIVITY PERTINENT STATES		REGISTRATION		EG&G ROCKY FLATS, INC		SHEET 4 OF 10		WORKING SCHEDULE	
Plot Date		29JUN94		Critical Activity Dates		EG&G ROCKY FLATS, INC		Date		Revision	
Project Start		23JUN94		Progressive Dates		ADS 1011		Revised		Checked/Approved	
Project Finish		18JUL94		Non-Planning Activity		OU3 - OFFSITE AREAS					

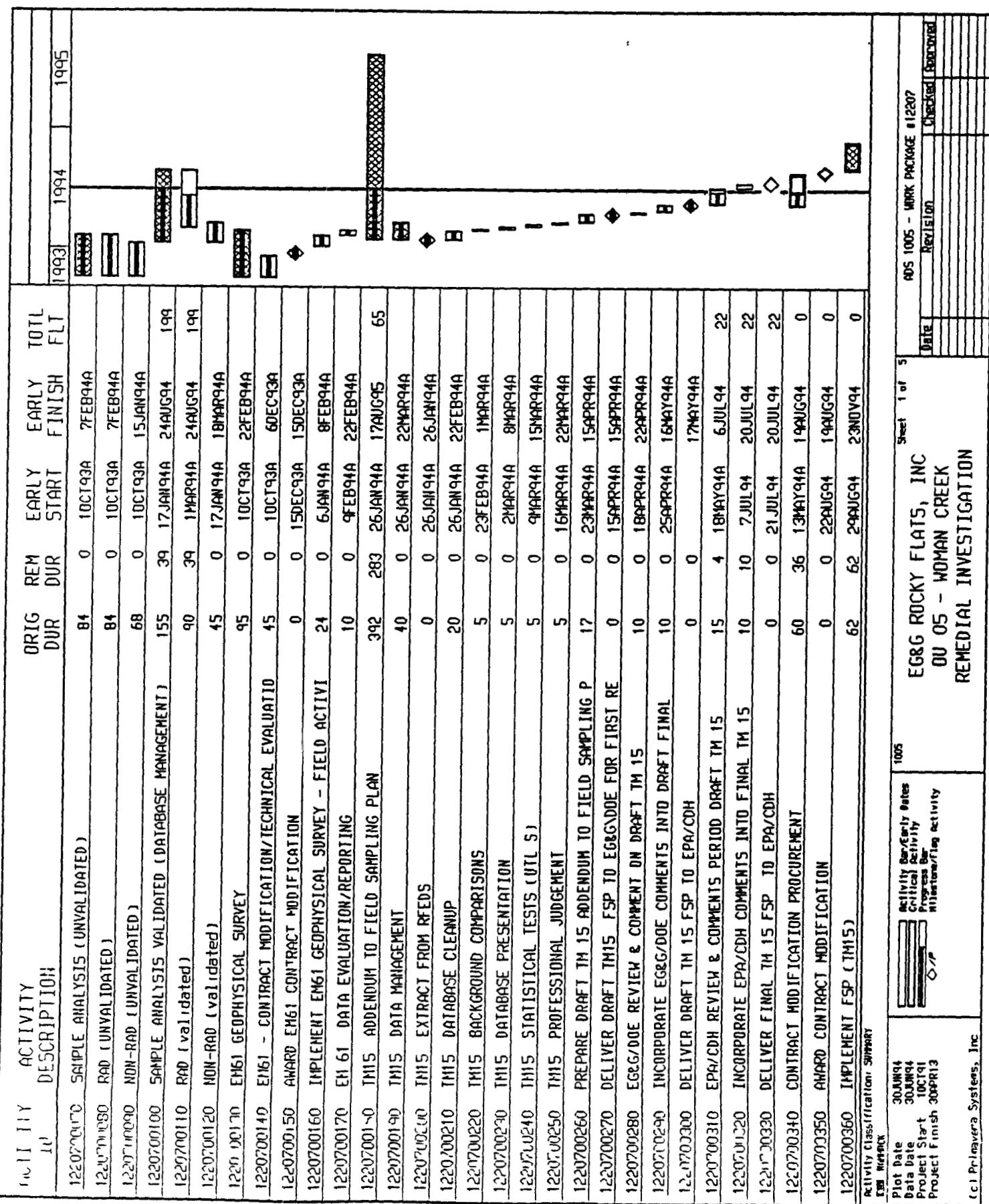
ACTIVITY	DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY93	FY94	FY95	FY96	FY97	FY98	FY99
					REMEDIAL ACTION PLAN						
CN14011020	INCORPORATE COMMENTS	10	17JUN98	30JUN98							
CN14011025	SUBMIT FINAL RESPONSIVENESS SUMMARY	0		8JUL98							
	RECORD OF DECISION	163	30MAR98	16NOV98							
CN14011020	PRELIMINARY DRAFT CAD/ROD	71	30MAY98	8JUL98							
CN14011005	PREPARE PRELIMINARY DRAFT CAD/ROD	20	30MAY98	24APR98							
CN14011010	DOCUMENT PROCESSING & TRANSMITTAL	5	27APR98	1MAY98							
CN14011015	DOE-RFO REVIEW DRAFT CAD/ROD	10	4MAY98	15MAY98							
CN14011020	DOE-HQ/IEPA REVIEW DRAFT CAD/ROD	10	4MAY98	15MAY98							
CN14011025	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/ROD	7	22JUN98	30JUN98							
CN14011030	DOCUMENT PROCESSING & TRANSMITTAL	5	1JUL98	8JUL98							
CN14011045	SUBMIT DRAFT CAD/ROD	0		8JUL98							
CN14011200	FINAL CAD/ROD	92	9JUL98	16NOV98							
CN14011205	EPA/CDH REVIEW DRAFT CAD/ROD	21	9JUL98	6AUG98							
CN14011210	NRDA TRUSTEES REVIEW DRAFT CAD/ROD	21	9JUL98	6AUG98							
CN14011205	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/ROD	15	7AUG98	27AUG98							
CN140112020	DOCUMENT PROCESSING & TRANSMITTAL	5	28AUG98	3SEP98							
CN140112025	DOE-RFO REVIEW FINAL CAD/ROD	10	4SEP98	18SEP98							
CN140112030	DOE-HQ/IEPA REVIEW FINAL CAD/ROD	10	4SEP98	18SEP98							
CN140112035	INCORPORATE COMMENTS & FINALIZE FINAL CAD/ROD	5	21SEP98	25SEP98							
CN140112040	DOCUMENT PROCESSING & TRANSMITTAL	5	28SEP98	20CT98							
CN140112045	SUBMIT FINAL CAD/ROD	0		20CT98							
CN140112050	EPA/CDH REVIEW & APPROVE FINAL CAD/ROD	21	5OCT98	2NOV98							
CN140112055	NRDA TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	21	5OCT98	2NOV98							
CN140112060	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	3NOV98	16NOV98							
	PROJECT SUPPORT										
CN14011000	PROJECT SUPPORT	1028	30CT94	16NOV98							
CN14010001	START FY94 ADMIN SUPPORT	1	30CT94	30CT94							
CN14010005	PROJECT SUPPORT	1028	30CT94	16NOV98							

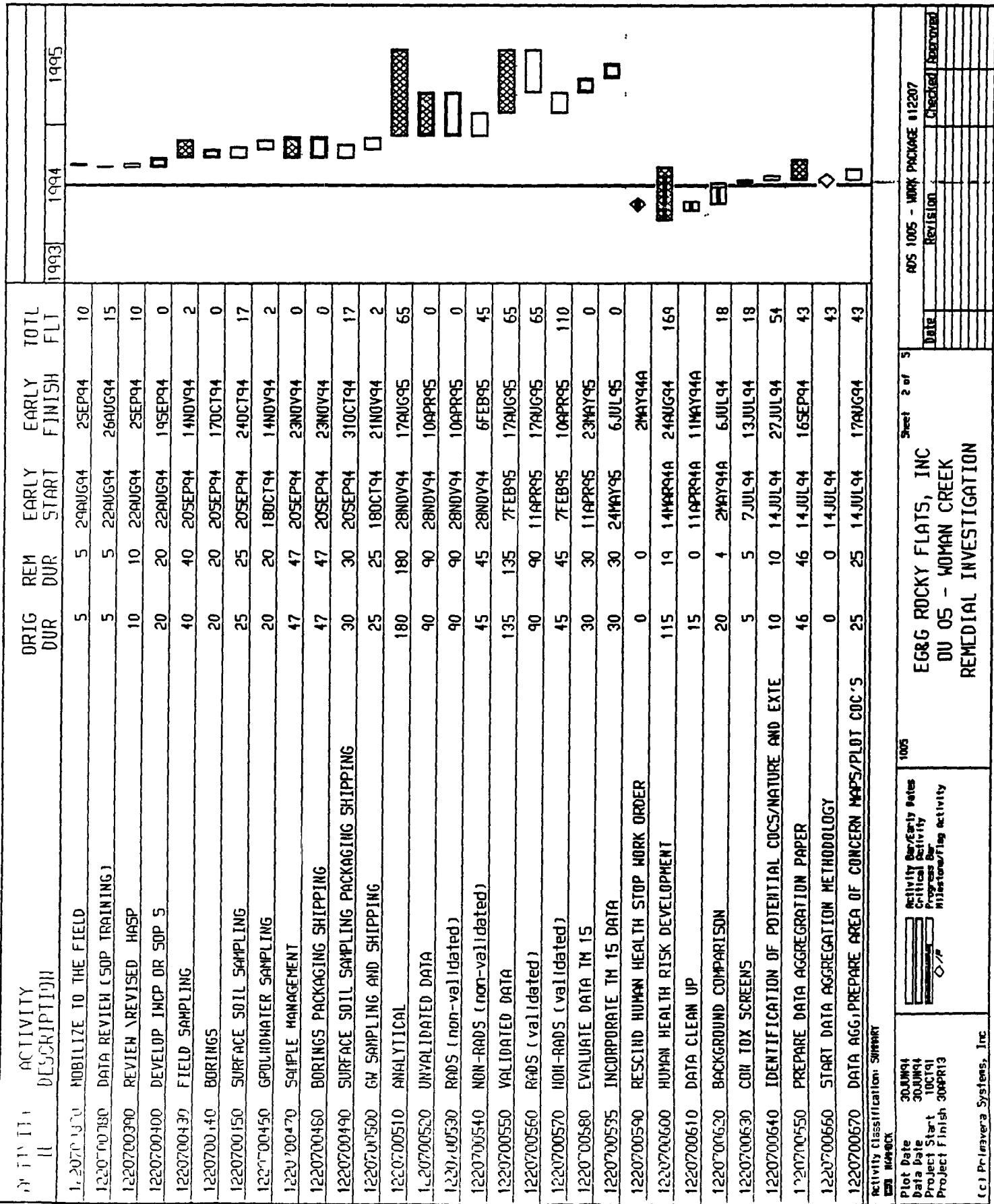
Activity Classification: Hancock Activity

Plot	Date	Activity	Activity Start Date	Activity End Date	Working Schedule
Plot Date	29JUN94				
Data Date	23JUN94				
Project Start	10CT94				
Project Finish	16NOV98				

EG&G ROCKY FLATS, INC  
ADS 1011  
003 - OFFSITE AREAS

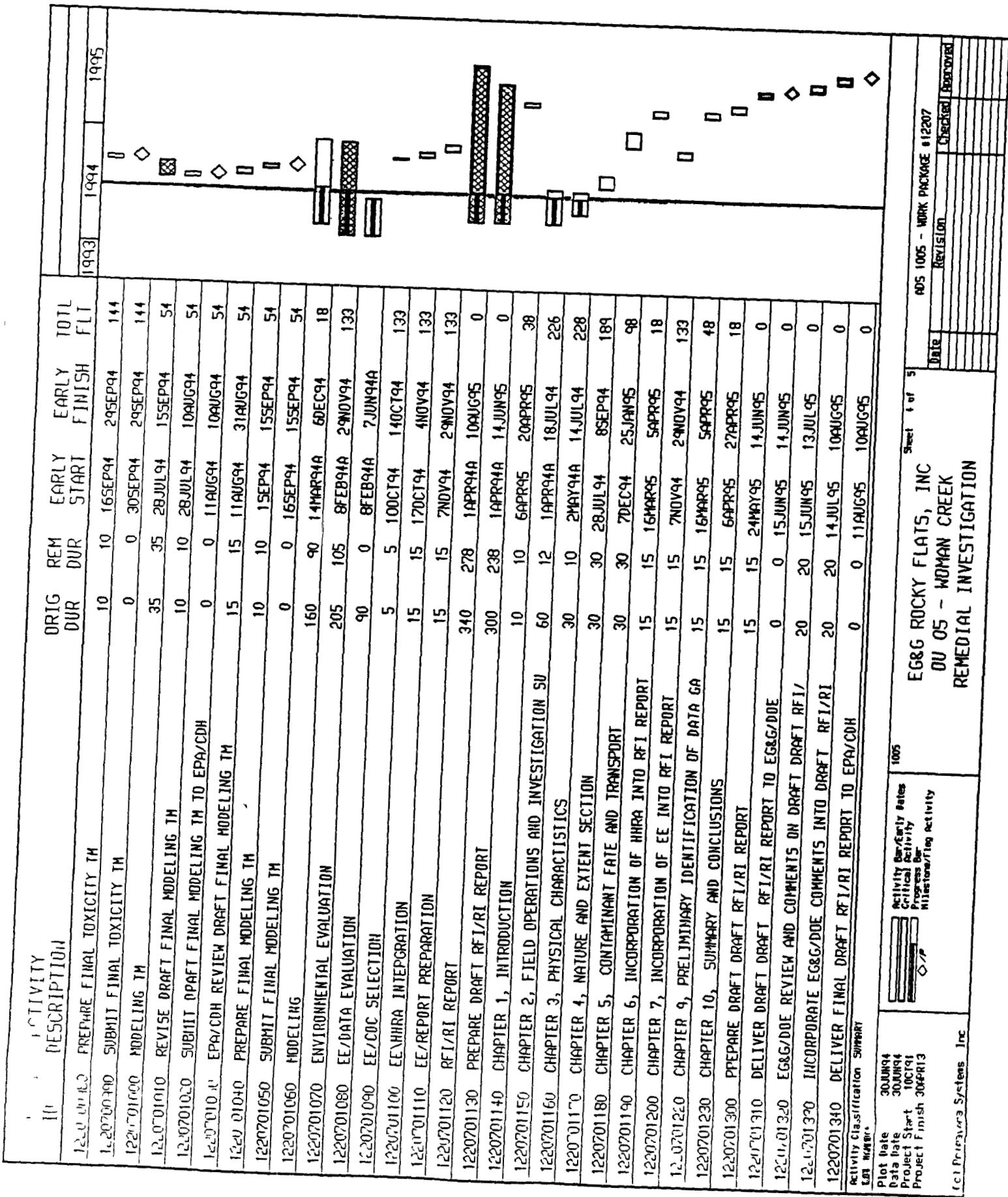
RECORD OF DECISION





ACTIVITY	DESCRIPTION	ORIG DUR	REM DUR	EARLY START	EARLY FINISH	TOTAL FLT
1220700500 IDENTIFY MAX EXP AREAS		5	5	18AUG94	21AUG94	43
1220700502 MTG W/DOE & AGENCIES PREP EXP APPEALS & PLACE GRID		1	1	25AUG94	25AUG94	43
1220700544 PREPARE FOLLOW-UP LETTER DOCUMENTING AGREEMENT		5	5	26AUG94	1SEP94	43
1220700710 FINAL EPA/CDH REVIEW OF POSITION LETTER		10	10	25SEP94	16SEP94	43
1220700720 COC TECH MEMORANDUM		71	71	14JUL94	21OCT94	18
1220700730 PREPARE DRAFT COC TM		25	25	14JUL94	17AUG94	18
1220700740 SUBMIT DRAFT COC TM TO EG&G/DOE		0	0	18AUG94	17AUG94	18
1220700750 EG&G/DOE REVIEW DRAFT COC TM		10	10	18AUG94	31AUG94	18
1220700760 PREPARE DRAFT FINAL COC TM		10	10	1SEP94	15SEP94	18
1220700770 AGENCY MEETING - DRAFT FINAL COC TM		1	1	16SEP94	16SEP94	18
1220700780 SUBMIT DRAFT FINAL COC TM TO EPA/CDH		0	0	19SEP94	16SEP94	18
1220700790 EPA/CDH REVIEW DRAFT FINAL COC TM		15	15	19SEP94	7OCT94	18
1220700800 PREPARE FINAL COC TM		10	10	10OCT94	21OCT94	18
1220700810 SUBMIT FINAL COC TM		0	0	24OCT94	21OCT94	18
1220700820 EXPOSURE ASSESSMENT TM (EATM)		69	35	18MAY94A	24AUG94	169
1220700830 PREPARE DRAFT EATM		20	0	18MAY94A	15JUN94A	18
12207008310 SUBMIT DRAFT EATM TO EG&G/DOE		0	0	0	15JUN94A	
1220700850 EG&G/DOE REVIEW DRAFT EATM		10	0	16JUN94A	30JUN94A	
1220700860 PREPARE DRAFT FINAL EATM		10	10	7JUL94	20JUL94	84
1220700870 SUBMIT DRAFT FINAL EATM TO EPA/CDH		0	0	21JUL94	20JUL94	169
1220700880 EPA/CDH REVIEW DRAFT FINAL EATM		15	15	21JUL94	10AUG94	169
1220700890 PREPARE FINAL EATM		10	10	11AUG94	24AUG94	169
1220700900 SUBMIT FINAL EATM		0	0	25AUG94	24AUG94	169
1220700910 TOXICITY TM		55	55	14JUL94	29SEP94	144
1220700920 PREPARE DRAFT TOXICITY TM		10	10	14JUL94	27JUL94	59
1220700930 SUBMIT DRAFT TOXICITY TM TO EG&G/DOE		0	0	28JUL94	27JUL94	59
1220700940 EG&G/DOE REVIEW DRAFT TOXICITY TM		10	10	28JUL94	10AUG94	59
1220700950 PREPARE DRAFT FINAL TOXICITY TM		10	10	11AUG94	24AUG94	59
1220700960 SUBMIT DRAFT FINAL TOXICITY TM TO EPA/CDH		0	0	25AUG94	24AUG94	59
1220700970 EPA/CDH REVIEW DRAFT FINAL TOXICITY TM		15	15	25AUG94	15SEP94	144
ACTIVITY CLASSIFICATION SUMMARY						
E&G ROCKY FLATS, INC 005 - WOMAN CREEK REMEDIAL INVESTIGATION	1005	Activity Bar/Early Date Critical Activity Progress Bar Missions/Flag Activity				
Project Start 30JUN94	30JUN94	30JUN94	30JUN94	30JUN94	30JUN94	30JUN94
Project Finish 10OCT94	10OCT94	10OCT94	10OCT94	10OCT94	10OCT94	10OCT94
Project Duration 30PR13	30PR13	30PR13	30PR13	30PR13	30PR13	30PR13
EG&G Environmental Systems, Inc.						

Plot Date	30JUN94	Activity Bar/Early Date Critical Activity Progress Bar Missions/Flag Activity	Sheet 3 of 5	ADS 1005 - WORK PACKAGE #12207
Data Date			Date	Revision
Project Start	10OCT94			Checked Approved
Project Finish	30PR13			



ACTIVITY	DESCRIPTION	ORIG DUR	RFI DUR	EARLY START	EARLY FINISH	TOTAL FLT
1220701300	EPA/CDH REV & COMMENT PERIOD FINAL DRAFT RFI/RI	60	60	11AUG95	3NOV95	0
1220701420	INCORPORATE EPA/CDH COMMENTS INTO DRAFT FINAL RF	20	20	6NOV95	5DEC95	4289
1220701430	EG&G/DOE REVIEW DRAFT FINAL RFI/RI REPORT	20	20	5DEC95	10JAN96	4289
1220701440	INCORPORATE EG&G/DOE COMMENTS INTO FINAL RFI/RI	20	20	11JAN96	7FEB96	4289
1220701450	DELIVER FINAL RFI/RI REPORT TO EPA/CDH (PHASE 1)	0	0	8FEB96	7FEB96	4289
1220701460	START RISK ASSESSMENT	0	0	24OCT94		18
1220701470	INTRODUCTION SECTIONS SUMMARIZE HHRRA	15	15	24OCT94	11NOV94	98
1220701480	EXPOSURE CONCENTRATION ASSESSMENT	40	40	24OCT94	20DEC94	18
1220701490	RISK CALCULATION	30	30	21DEC94	8FEB95	18
1220701500	RAD DOSE CALCS	10	10	21DEC94	11JAN95	23
1220701510	SPECIAL CASE COC RISK EVALUATIONS	15	15	21DEC94	18JAN95	18
1220701520	RISK TEXT	20	20	19JAN95	15FEB95	18
1220701530	SUMMARY CONCLUSIONS	10	10	16FEB95	1MARCH95	18
1220701550	QA REVIEW	10	10	2MARCH95	15MARCH95	18

## Activity Classification Summary

E&amp;G ROCKY FLATS

INC

1005

AD5 1005 - WORK PACKAGE #12207

Date \_\_\_\_\_

Revision \_\_\_\_\_

Checked/Approved \_\_\_\_\_

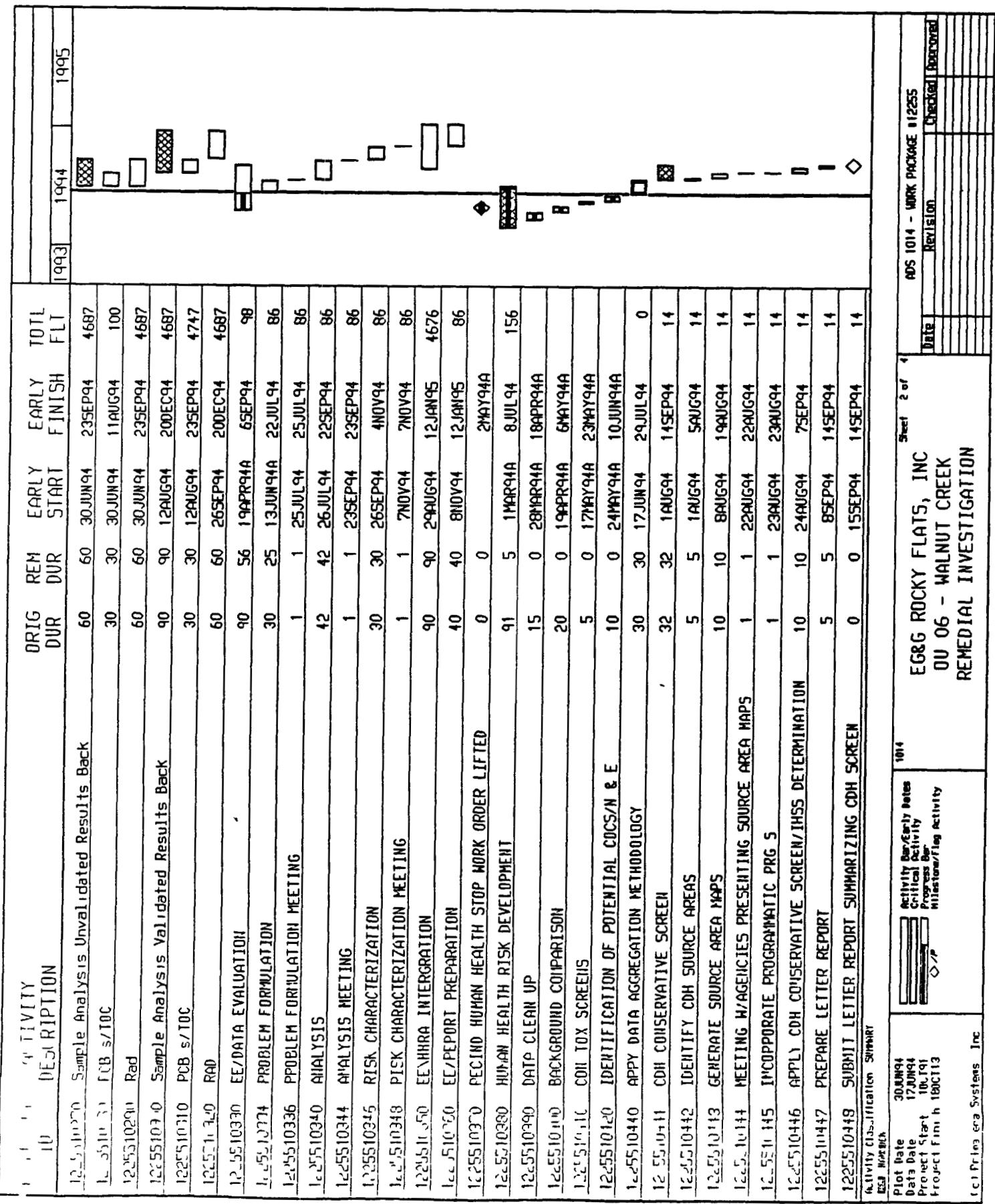
Plot Date	Data Date	Project Start	Project Finish	Activity Percentage Dates	Critical Activity Progress Bar	Milestone/Flag Activity
30JUN94	30JUN94	10OCT94	10APR95	</>	</>	</>

EG&G ROCKY FLATS, INC  
DU 05 - WOMAN CREEK  
REMEDIAL INVESTIGATION

ACTIVITY		DESCRIPTION		DRIG DUR	REM DUR	EARLY START	EARLY FINISH	TOTL FLT	1993	1994	1995
122502460	START RISK ASSESSMENT			0	0	19SEP94		12			
122502470	INTRODUCTION SECTIONS SUMMARIZE HHRRA			15	15	19SEP94	7OCT94	4737			
122502480	EXPOSURE CONCENTRATION ASSESSMENT			40	40	5OCT94	1DEC94	0			
1225502440	RISK CALCULATION			30	30	2ODEC94	20JAN95	0			
1225502500	PAD DOSE CALCS			10	10	2ODEC94	15DEC94	5			
1225502510	SPECIAL CASE COC RISK EVALUATIONS			15	15	2ODEC94	22DEC94	0			
1225502520	RISK TEXT			20	20	23DEC94	27JAN95	0			
1225502530	SUMMARY CONCLUSIONS			10	10	30JAN95	10FEB95	0			
1225502550	QA REVIEW			10	10	13FEB95	24FEB95	0			
1225510070	Sample Analysis Unvalidated Results Back			68	0	1OCT93A	14JAN94A				
1225510080	Rad			68	0	1OCT93A	14JAN94A				
1225510090	Non-Rad			58	0	1OCT93A	23DEC93A				
1225510100	Sample Analysis Validated Results Back			40	0	3JAN94A	25FEB94A				
1225510110	Rad			30	0	17JAN94A	25FEB94A				
1225510120	Non-Rad			10	0	3JAN94A	14JAN94A				
1225510130	Environmental Evaluation			231	129	24JAN94A	20DEC94	4687			
1225510140	PCB Project			231	129	24JAN94A	20DEC94	4687			
1225510150	Write Addendum to Environmental Evaluation Sample			15	0	24JAN94A	11FEB94A				
1225510160	Egg/DOE Review and Comment on Addendum			10	0	14FEB94A	25FEB94A				
1225510170	Incorporate Egg/DOE Comments into Addendum			5	0	28FEB94A	4MARR94A				
1225510180	Modification of EE Contract			35	0	28FEB94A	18APR94A				
1225510190	Write Sov/Cost Estimate/SSJ			10	0	28FEB94A	11MARR94A				
1225510200	Contractor Proposal			10	0	14MARR94A	25MARR94A				
1225510210	Technical Evaluation			15	0	28MARR94A	18APR94A				
1225510220	Award Contract Modification			0	0	18APR94A	18APR94A				
1225510230	Modify Standard Operating Procedures			20	0	7MAY94A	4JUN94A				
1225510240	Modify and Internal review of HaSP			15	0	7MAY94A	25MAY94A				
1225510245	Readiness Review			20	0	6MAY94A	23MAY94A				
1225510250	Conduct Field Sampling			25	7	24MAY94A	27JUN94	100			
1225510260	Sample Management			27	9	23MAY94A	20JUN94	100			
Activity Classification Summary											
EMERGENCY		Plot Date Data Date Project Start Project Finish		Activity Dates Critical Activity Historical Activity		1014		ADS 1014 - WORK PACKAGE #12255			
		10JUN94 17JUN94 10OCT94 18OCT94		10JUN94 17JUN94 10OCT94 18OCT94		Date Revision		Checked		Reviewed	

EMERGENCY  
 Plot Date  
Data Date  
Project Start  
Project Finish

EG&G ROCKY FLATS, INC  
OU 06 - WALNUT CREEK  
REMEDIAL INVESTIGATION



Plot Date	Data Date	Critical Activity Dates	Activity Dur.
30JUN94	17JUN94		
Project Start	10JUL94		
Project Finish	18OCT13		
		Progress Bar	
		Completion Bar	
		Start/Stop Activity	

EG&G Systems, Inc.

ACTIVITY IN	DESCRIPTION	ACTIVITY OUT	REM DUR	EARLY START	EARLY FINISH	TOTAL FLT
1225510111	DATA AGGREGATION, AREA OF CONCERN MAPS/PILOT COC S		25	25	1 AUG 94	2 SEP 94
1225510100	IDENTIFY MAX EXP AREAS		5	5	7 SEP 94	13 SEP 94
1225510470	MEETING W/AGENCIES/PRES EXP AREAS & PLACE GRID		1	1	6 SEP 94	6 SEP 94
1225510490	PREPARE FOLLOW-UP LETTER DOCUMENTING AGREEMENT		5	5	14 SEP 94	20 SEP 94
1225510440	FINAL EPA/CDH REVIEW OF POSITION PAPER		10	10	21 SEP 94	4 OCT 94
1225510500	COC TECH MEMORANDUM		81	64	24 MAY 94A	16 SEP 94
1225510510	PREPARE DRAFT COC TM		25	18	24 MAY 94A	13 JUL 94
1225510520	SUBMIT DRAFT COC TM TO EG&G/DOE		0	0	14 JUL 94	13 JUL 94
1225510530	EG&G/DOE REVIEW DRAFT COC TM		10	10	14 JUL 94	27 JUL 94
1225510540	PREPARE DRAFT FINAL TM		10	10	28 JUL 94	10 AUG 94
1225510550	AGENCY MEETING - DRAFT FINAL COC TM		1	1	11 AUG 94	11 AUG 94
1225510560	SUBMIT DRAFT FINAL COC TM TO EPA/CDH		0	0	12 AUG 94	11 AUG 94
1225510570	EPA/CDH REVIEW DRAFT FINAL COC TM		15	15	12 AUG 94	1 SEP 94
1225510580	PREPARE FINAL COC TM		10	10	2 SEP 94	16 SEP 94
1225510590	SUBMIT FINAL COC TM		0	0	19 SEP 94	16 SEP 94
1225510500	EXPOSURE ASSESSMENT TM (EATM)		15	15	17 JUN 94	8 JUL 94
1225510670	PREPARE FINAL EATM		15	15	17 JUN 94	8 JUL 94
1225510550	SUBMIT FINAL EATM		0	0	11 JUL 94	8 JUL 94
1225510690	TOXICITY TM		55	55	17 JUN 94	2 SEP 94
1225511700	PREPARE DRAFT TOXICITY TM		10	10	17 JUN 94	30 JUN 94
1225510710	SUBMIT DRAFT TOXICITY TM TO EG&G/DOE		0	0	1 JUL 94	30 JUN 94
1225510720	EG&G/DOE REVIEW DRAFT TOXICITY TM		10	10	1 JUL 94	15 JUL 94
1225510730	PREPARE DRAFT FINAL TOXICITY TM		10	10	18 JUL 94	29 JUL 94
1225510740	SUBMIT DRAFT FINAL TOXICITY TM TO EPA/CDH		0	0	1 AUG 94	29 JUL 94
1225510750	EPA/CDH REVIEW DRAFT FINAL TOXICITY TM		15	15	1 AUG 94	14 AUG 94
1225510760	PREPARE FINAL TOXICITY TM		10	10	22 AUG 94	2 SEP 94
1225510770	SUBMIT FINAL TOXICITY TM		0	0	6 SEP 94	25 SEP 94
1225510780	MODELING TM					
1225510820	PREPARE FINAL MODELING TM		10	10	17 JUN 94	30 JUN 94
1225510810	SUBMIT FINAL MODELING TM		0	0	1 JUL 94	30 JUN 94

Activity Classification Summary

EN: NOFOCK

Pilot Date 20 JUN 94  
Data Date 17 JUN 94  
Project Start 10 OCT 91  
Project Finish 18 OCT 13

Activity Summary Dates  
Critical Activity  
Previous Activity  
Next/Current Activity

EG&G ROCKY FLATS, INC  
00 06 - WALNUT CREEK  
REMEDIAL INVESTIGATION

Sheet 3 of 4

ADS 1014 - MARK PACKAGE 112255  
Date Revision Checked Reviewed

ACTIVITY ID	DESCRIPTION	ORIG DUR	REM DUR	EARLY START	EARLY FINISH	TOTAL FLT
1225510950	Modeling					
1225510850	RFI/RI Report					
12255108f0	Prepare Draft Phase 1 RFI/RI Report	160	84	1MAY94	28OCT94	12
1225510870	Chapter 1 Introduction	505	398	17JAN94	25JAN96	0
1225510880	Chapter 2 Field Operations and Investigation Sum	323	216	17JAN94	11MAY95	0
1225510890	Chapter 3 Physical Characteristics	10	10	13MAY95	24MAY95	10
1225510100	Chapter 4 Nature and Extent of Contamination	30	0	17JAN94	25FEB94	0
1225510910	Chapter 5 Contaminant Fate and Transport	30	30	31OCT94	13DEC94	77
1225510920	Chapter 6 Incorporation MTRA into RFI/RI Report	10	10	27FEB95	10MAY95	0
1225510930	Chapter 7 Incorporate EE into RFI/RI Report	15	15	8NOV94	30NOV94	86
1225510940	Chapter 9 Preliminary Identification of Data Gap	20	20	13MAY95	7APR95	0
1225510950	Chapter 10 Summary and Conclusions	15	15	13MAY95	31MAY95	5
1225510955	PREPARE DRAFT RFI/RI REPORT	15	15	10APR95	11MAY95	0
1225510960	Deliver Draft RFI/RI Report to EG&G/DOE	0	0	2MAY95	11MAY95	0
1225510970	EG&G/DOE Review and Comments on Draft RFI/	20	20	2MAY95	30MAY95	0
1225510980	Prepare Final Draft RFI/RI Report	30	30	31MAY95	12JUL95	0
1225510990	Deliver Final Draft RFI/RI Report to EPA/CDH	0	0	13JUL95	12JUL95	0
1225511000	EPA/CDH Review and Comment Period	62	62	13JUL95	9OCT95	0
1225511010	Incorporate EPA/CDH Comments Into Draft Final	30	30	100CT95	20NOV95	0
1225511020	Prepare Draft Final RFI/RI Report	30	30	100CT95	20NOV95	0
1225511030	Deliver Draft Final RFI/RI Report to EG&G/DOE	0	0	21NOV95	20NOV95	0
1225511040	EG&G/DOE Review and Comments on Draft Final RFI/	20	20	21NOV95	20DEC95	0
1225511050	Incorporate EG&G/DOE Comments and Prepare Final	20	20	21DEC95	25JAN96	0
1225511060	Deliver Final RFI/RI Report to EPA/CDH	0	0	26JAN96	25JAN96	0

## Activity Classification Summary

Plot Month	Activity Bar/Activity Dates	Activity Bar/Critical Activity	Progress Bar/Milestone/Key Activity	Sheet 4 of 4	Notes 1014 - WORK PACKAGE #12255
Plot Date	30JUN94 17JUN94			Date	Revision
Data Date	10OCT94				
Project Start	10OCT94				
Project Finish	18OCT94				

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